

Title (en)
TRANSMISSION

Title (de)
ÜBERTRAGUNG

Title (fr)
TRANSMISSION

Publication
EP 2924320 B1 20160504 (EN)

Application
EP 15159332 A 20150317

Priority
JP 2014059418 A 20140324

Abstract (en)

[origin: EP2924320A1] A transmission (30, 130, 230, 330) which includes a housing (H), a planetary gear mechanism (P1), an input shaft (N), an output shaft (T), a brake (B1) including a friction member (81), a piston member (82) pressing the friction member (81), and an actuator portion (83) applying a pressing force to the piston member (82), the brake (B1) braking a rotation of one of a sun gear (P1 s), a ring gear (P1r), and a carrier (P1c) of the planetary gear mechanism (P1), an external output gear (91) positioned between the friction member (81) and the actuator portion (83) in a direction of a rotation axis (L), the external output gear (91) provided at a member integrally rotating with the input shaft (N), and the piston member (82) including an opening portion (82c) formed over a predetermined angular range about the rotation axis (L) and within a range in the direction of the rotation axis (L) in which the external output gear (91) is disposed.

IPC 8 full level

F16H 57/04 (2006.01)

CPC (source: CN EP US)

B60K 17/28 (2013.01 - US); **F16H 3/66** (2013.01 - CN); **F16H 47/08** (2013.01 - CN); **F16H 57/0479** (2013.01 - EP US);
F16H 57/10 (2013.01 - EP US); **F16H 3/66** (2013.01 - EP US); **F16H 3/666** (2013.01 - EP US); **F16H 2200/0069** (2013.01 - EP US);
F16H 2200/201 (2013.01 - CN EP US); **F16H 2200/2046** (2013.01 - CN EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2924320 A1 20150930; EP 2924320 B1 20160504; CN 104948684 A 20150930; CN 104948684 B 20180925; JP 2015183740 A 20151022;
JP 6264979 B2 20180124; US 2015267805 A1 20150924; US 9347547 B2 20160524

DOCDB simple family (application)

EP 15159332 A 20150317; CN 201510128965 A 20150324; JP 2014059418 A 20140324; US 201514658919 A 20150316